

COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled TIME-SENSITIVE-PACKET JITTER AND LATENCY MINIMIZATION ON A SHARED DATA LINK, the specification of which:

☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application No. \_\_\_\_\_  
☐ and was amended on \_\_\_\_\_ (if applicable)  
☐ with amendments through \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Claiming Priority?	
			<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____		

I hereby claim the benefit under Title 35, United States Code, Sec. 119(e) of any United States provisional application listed below:

Provisional Application No.

Filing Date

\_\_\_\_\_

\_\_\_\_\_

I hereby claim the benefit under Title 35, United States Code, Sec. 120 or §365(c) of any PCT international application designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>(Application No.)</u>	<u>(Filing Date)</u>	<u>(Status) (patented, pending, abandoned)</u>
--------------------------	----------------------	--

I hereby appoint the following attorneys to prosecute the application, to file a corresponding international application, to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Customer No. 20575

<u>Attorney Name</u>	<u>Registration No.</u>
Jerome S. Marger	26,480
Alexander C. Johnson, Jr.	29,396
Alan T. McCollom	28,881
James G. Stewart	32,496
Glenn C. Brown	34,555
Stephen S. Ford	35,139
Julie L. Reed	35,349
Gregory T. Kavounas	37,862
Scott A. Schaffer	38,610
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Ariel Rogson	43,054
Craig R. Rogers	43,888

Direct all telephone calls to Stephen S. Ford at (503) 222-3613 and send all correspondence to:

MARGER JOHNSON & MCCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Shmuel Shaffer

Inventor's signature: Shmuel Shaffer

6/30/2000  
(Date)

Residence: Palo Alto, California

Citizenship: United States

Post Office address: 1211 Cowper Street  
Palo Alto, California 94301

Full name of second joint inventor: Joseph F. Khouri

Inventor's signature: Joseph F. Khouri

7/7/00  
(Date)

Residence: San Jose, California

Citizenship: U.S.A.

Post Office address: 5925 Foligno Way  
San Jose, California 95138

Full name of third joint inventor: Michael E. Knappe

Inventor's signature: Michael E. Knappe

6/30/2000  
(Date)

Residence: San Jose, California

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Post Office address: ~~439-16 Camille Circle~~  
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**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
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Washington, D.C. 20231

SEPTEMBER 11, 2000

PTAS

MARGER JOHNSON & MCCOLLOM, P.C.  
STEPHEN S. FORD  
1030 S.W. MORRISON STREET  
PORTLAND, OREGON 97205



\*101414055A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/11/2000

REEL/FRAME: 010933/0165  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SHAFFER, SHMUEL

DOC DATE: 06/30/2000

ASSIGNOR:

KHOURI, JOSEPH F.

DOC DATE: 07/07/2000

ASSIGNOR:

KNAPPE, MICHAEL E.

DOC DATE: 06/30/2000

ASSIGNEE:

CISCO TECHNOLOGY, INC.  
170 WEST TASMAN DRIVE  
SAN JOSE, CALIFORNIA 95134-1706

SERIAL NUMBER: 09614536

PATENT NUMBER:

FILING DATE:

ISSUE DATE:

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010933/0165 PAGE 2

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07-25-2000



101414055

PATENTS ONLY  
Attorney's Do. No. 2705-123

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

jc869 U.S. PRO  
09/614536  
07/11/00

In re patent application of: Shmuel Shaffer, Joseph F. Khouri and Michael E. Knappe

Serial No.: (filed herewith)

69614536

Filed: (filed herewith)

For: TIME-SENSITIVE-PACKET JITTER AND LATENCY MINIMIZATION ON  
A SHARED DATA LINK

Box Patent Application  
Assistant Commissioner for Patents  
Washington, DC 20231

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of parties conveying an interest:  
(1) Shmuel Shaffer  
(2) Joseph F. Khouri  
(3) Michael E. Knappe
2. Name and address of party receiving an interest: Cisco Technology, Inc.  
170 West Tasman Drive  
San Jose, California 95134-1706

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger

Other:

Date of execution of attached document:  
(1) June 30, 2000  
(2) July 7, 2000  
(3) June 30, 2000

4. Application number(s) or patent number(s). Additional sheet attached? Yes ☐ No ☒

If this document is being filed together with a new application, the execution date of the application is:

(1) June 30, 2000  
(2) July 7, 2000  
(3) June 30, 2000

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A. Patent Application No.

B. Patent No.

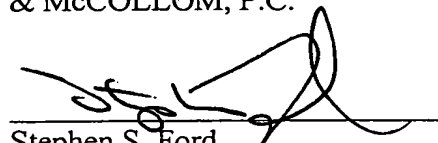
5. Name and address of party to whom correspondence concerning document should be mailed:

Stephen S. Ford  
MARGER JOHNSON & McCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613

6. Number of applications and patents involved: one
7. Enclosed is our check for \$1,366.00 to cover the filing fees and assignment recordal fee of \$40.00
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

MARGER JOHNSON  
& McCOLLOM, P.C.




Stephen S. Ford  
Registration No. 35,139

Total number of pages comprising  
cover sheet and attached assignment: 5

I hereby certify that this correspondence is being  
deposited with the United States Postal Service  
addressed to: Box Patent Application, Assistant  
Commissioner for Patents, Washington DC 20231  
on July 11, 2000.

Signature



Melissa Smith

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**Assignor:** Shmuel Shaffer  
**Address:** 1211 Cowper Street  
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**Assignor:** Joseph F. Khouri  
**Address:** 5925 Foligno Way  
San Jose, California 95138

**Assignor:** Michael E. Knappe  
**Address:** 439-16 Camille Circle  
San Jose, California 95134

**Assignee:** CISCO TECHNOLOGY, INC.  
**Address:** 170 West Tasman Drive  
San Jose, California 95134-1706

**Title of  
Invention:** TIME-SENSITIVE-PACKET JITTER AND LATENCY  
MINIMIZATION ON A SHARED DATA LINK

U.S. Patent Application:

Application Serial No.: filed herewith

Filing Date: filed herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions,



continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

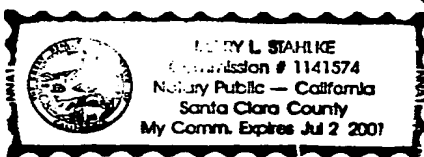
Executed at San Jose, California this 30<sup>th</sup> day of June,

2000.

Shmuel Shaffer  
Shmuel Shaffer  
Assignor

STATE OF CALIFORNIA                    )  
  ) ss.  
County of Santa Clara            )

Before me this 30<sup>th</sup> day of June, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Mary L. Stahlke  
Notary Public for California  
My commission expires: July 2, 2001

[SEAL]

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Executed at San Jose, California this 7<sup>th</sup> day of July,

20 00.

Joseph F. Khouri  
Joseph F. Khouri  
Assignor

STATE OF CALIFORNIA )  
County of Santa Clara ) ss.

Before me this 7<sup>th</sup> day of July, 20 00, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



[SEAL]

Mary L. Stahlke  
Notary Public for California  
My commission expires: July 2, 2001

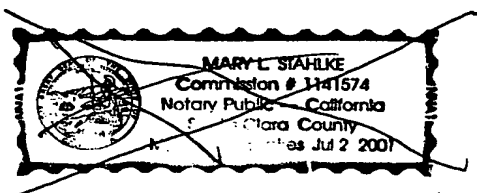
Executed at San Jose, California this 00<sup>th</sup> day of June,

20 00.

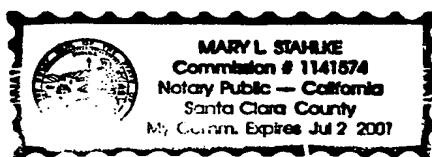
Michael E. Knappe  
Michael E. Knappe  
Assignor

STATE OF CALIFORNIA )  
 ) ss.  
County of Santa Clara )

Before me this 30<sup>th</sup> day of JUNE, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



[SEAL]



Mary L. Stahlke  
Notary Public for California  
My commission expires: July 2, 2001

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